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CLASSIFICATION OF OFENCASI MINING SISTEMS IN THE USSR

The foliowing table gives the classification of opencast mining systems suggested by mining engineer P. V. Mclenahov in an article in Gornyy Zhurnal.

Туре Designation of System Borizontal Slicing with removal of oversuraen to inside dumps by excavators.

Basic Equipment Used in Stripping Operations

Large single-bucket excavators. Tower fucavators.

Horizontal slicing with removal of overbuicks to inside dumps. by awing chutes.

Single-bucket and multibucket excavators. Transporter bridges and swing chutes .tcom loaders).

Horizontal slicing with removal of overburden to dumps by wheel or daterpillar transporters.

Extavators, and various types of wheel and caterpillar transporters.

Herizontal aliting with removal of overburden to dumps partly by excavators and partly by wheel or caterpillar transporters.

large single-bucket excavators on the lower benches and, if necessary, on the inside dumps. Various types of excavators on the upper benches. Wheel or caterpillar transporters of various types for the removal of overburden to the dumps from the upper benches.

Horizontal slicing with removal of overburder to dumps by swing chutes and partly by wheel or caterpillar transporters

Single bucket or multibucket excavators. Transporter bridges and swing chutes for the removal of overburden to inside dumps from lower benches. Various types of wheel or caterpillar transporters for removal of overburden to dumps from upper benches

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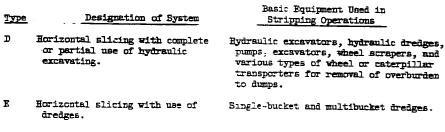
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